

**MINISTRY OF AGRO INDUSTRY, FOOD SECURITY, BLUE ECONOMY &
FISHERIES**

Pesticides Regulatory Office, Réduit

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**Pesticide Residue Analysis for samples collected by Pesticides Regulatory Office for the
Month of August 2025**

Total number of samples from Pesticides Regulatory Office: 105

Number of samples from farm gate level: 21

Number of samples from Supermarkets: 35

Number of samples from Retailers: 2

Number of samples from National Wholesale Market: 30

Number of imported samples: 17

Number of samples with pesticide residues exceeding MRL: **9**

Number of samples with pesticide residues not recommended: **17**

1. Results of analysis of samples collected at farm gate level

S.N	Fruits and Vegetables	Locality	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Green Onions	Crève Coeur	Thiamethoxam	0.015	NR
2.	Ginger	Crève Coeur	Siduron	0.043	NR
3.	Lettuce	Crève Coeur	NDL	-	-
4.	Green Onions	Crève Coeur	NDL	-	-
5.	Lettuce	Crève Coeur	NDL	-	-
6.	Chinese cabbage - Petsai	Crève Coeur	NDL	-	-
7.	Chinese white cabbage – Tom Pouce	Crève Coeur	NDL	-	-
8.	Ginger	Crève Coeur	Siduron	0.061	NR
9.	Green Onions	Crève Coeur	Carbendazim Thiophanate-methyl	0.230 0.130	NR NR
10.	Beans	Nouvelle Decouverte	NDL	-	-
11.	Watercress	Terre Rouge	Carbendazim Thiophanate-methyl	0.037 0.016	NR NR
12.	Green Onions	Terre Rouge	NDL	-	-
13.	Lettuce	Terre Rouge	NDL	-	-
14.	Chinese white cabbage – Tom Pouce	Terre Rouge	NDL	-	-
15.	Chinese white cabbage – Baton vert	Terre Rouge	NDL	-	-
16.	Mustard cabbage	Terre Rouge	NDL	-	-
17.	Coriander	Terre Rouge	NDL	-	-
18.	Watercress	Carreau Esnouff	Acetamiprid	0.710	NR
19.	Bittergroud	Carreau Esnouff	Metalaxyl	0.027 (Excess)	0.01

20.	Chilly	Plaine Magnien	Acetamiprid Azoxystrobin Hexaconazole	0.073 0.066 0.047 (Excess)	0.3 3 0.01
21.	Eggplant	Plaine Magnien	NDL	-	-

2. Results of analysis of samples collected at super markets

S.N	Fruits and Vegetables	Locality of plantation	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Tomato	Deux Bras	NDL	-	-
2.	Lettuce	La Laura, St Pierre	NDL	-	-
3.	Bell pepper	Deux Bras	Acetamiprid	0.073	0.3
4.	Squash	Glen Park, Vacoas	Acetamiprid Metalaxyl	0.040 0.017 (Excess)	0.3 0.01
5.	Cauliflower	L'Agrement, St Pierre	Cyromazine Trifloxystrobin	0.150 (Excess) 0.097	0.05 NR
6.	Lettuce	Medine	NDL	-	-
7.	Tomato	L'Agrement, St Pierre	NDL	-	-
8.	Watercress	Dagotièr	Acetamiprid Metalaxyl	0.063 0.067	NR NR
9.	Cowpea (Voehm)	Glen Park, Vacoas	Carbendazim Cyromazine	0.035 0.065 (Excess)	NR 0.05
10.	Chilly	Glen Park, Vacoas	Cyromazine	0.024	1.5
11.	Okra	Glen Park, Vacoas	NDL	-	-
12.	Cabbage	Dagotièr	Chlorantraniliprole Flubendiamide	0.028 0.160	2 4
13.	Okra	Dagotièr	Acetamiprid Carbendazim Metalaxyl Thiophanate-methyl	0.051 0.016 0.039 0.054	0.2 2 NR 1
14.	Cucumber	Dagotièr	NDL	-	-

15.	Watercress	Dagotière	Acetamiprid	0.038	NR
16.	Chinese white cabbage – Baton Vert	Dagotière	NDL	-	-
17.	Chinese white cabbage – Baton Vert	L’Avenir, St Pierre	NDL	-	-
18.	Chinese white cabbage – Tom Pouce	L’Avenir, St Pierre	NDL	-	-
19.	Amaranth	L’Avenir, St Pierre	Chlorantraniliprole	0.013	NR
20.	Watercress	Dagotière	Acetamiprid Metalaxyl	0.430 0.120	NR NR
21.	Parsley	Dagotière	Clothianidin Linuron Tebuconazole Thiamethoxam	0.160 0.730 0.012 0.410	NR NR NR NR
22.	Leek	L’Avenir, St Pierre	Chlorantraniliprole	0.170 (Excess)	0.1
23.	English cucumber	Wooton	Acetamiprid Carbendazim Propamocarb	0.170 0.010 0.440	0.3 0.1 5
24.	Sweet potato	Medine	NDL	-	-
25.	Banana	Mare d’Albert	NDL	-	-
26.	Bittergourd	Mahebourg	NDL	-	-
27.	Passionfruit	Wooton	NDL	-	-
28.	Chinese white cabbage – Tom Pouce	Solferino	NDL	-	-
29.	Pineapple	Wooton	NDL	-	-
30.	Lemon (lime)	Wooton	NDL	-	-
31.	Chinese White Cabbage – Baton Vert	Solferino	NDL	-	-
32.	Coriander	Solferino	Flutriafol Linuron Metalaxyl	0.085 0.044 0.011	NR NR NR

33.	Green Onions	Solferino	NDL	-	-
34.	Bottle gourd (Calebasse)	Glen Park, Vacoas	NDL	-	-
35.	Zucchini	Glen Park, Vacoas	NDL	-	-

3. Results of analysis of samples collected at retailers

S.N	Fruits and Vegetables	Locality of plantation	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Carrot	Medine	NDL	-	-
2.	Banana	Medine	NDL	-	-

4. Results of analysis of samples collected at National Wholesale Market – Wooton

S.N	Fruits and Vegetables	Locality of plantation	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Beetroot	Vacoas	NDL	-	-
2.	Eggplant	Camp de Masque Pavé	Acetamiprid	0.056	0.2
3.	Cabbage	St Pierre	NDL	-	-
4.	Tomato	Roches Noires	Acetamiprid Imidacloprid	0.110 0.013	0.5 NR
5.	Bottle gourd (Calebasse)	New Trunk Rd - Calebasses	NDL	-	-
6.	Snake gourd (Patole)	Sebastopol	NDL	-	-
7.	Thai Eggplant (Brinjelle Anguive)	Sebastopol	NDL	-	-
8.	Tomato	Sebastopol	NDL	-	-

9.	English Cucumber	Hermitage	NDL	-	-
10.	Potato	La Marie	NDL	-	-
11.	Tomato	Nouvelle Decouverte	NDL	-	-
12.	Pineapple	Clementia	NDL	-	-
13.	Watercress	Plaine Magnien	Acetamiprid	0.400	NR
14.	Cabbage	L'Escalier	NDL	-	-
15.	Tomato	Mahebourg	Acetamiprid	0.033	0.5
16.	Tomato	Mare Blanc	Acetamiprid	0.072	0.5
17.	Eggplant	L'Ile d'Ambre	NDL	-	-
18.	Cabbage	Montagne Longue	Tebuconazole	0.061	0.7
19.	Squash	Rivière du Rempart	Metalaxyl	0.032 (Excess)	0.01
20.	Broccoli	L'Avenir	NDL	-	-
21.	Bottlegourd	Clemencia	NDL	-	-
22.	Tomato	Clemencia	NDL	-	-
23.	Carrot	La Marie	NDL	-	-
24.	Chinese white cabbage – Tom Pouce	La Marie	NDL	-	-
25.	Tomato	Plaine Magnien	NDL	-	-
26.	Carrot	Plaine Sophie	NDL	-	-
27.	Chinese White Cabbage – Tom Pouce	La Marie	NDL	-	-
28.	Carrot	Glen Park	NDL	-	-
29.	Cabbage	La Marie	NDL	-	-
30.	Chinese Cabbage-Petsai	La Marie	NDL	-	-

5. Results of analysis from imported samples

S.N	Fruits and Vegetables	Pesticides detected	Amount (mg/kg)	MRL (mg/kg)
1.	Apricot	NDL	-	-
2.	Sweet Pepper	Acetamiprid Imidacloprid	0.018 0.120	0.09 0.9
3.	Grapes	Acetamiprid	0.038	0.5
4.	Strawberry	NDL	-	-
5.	Avocado	NDL	-	-
6.	Broccoli	NDL	-	-
7.	Grapes	Acetamiprid Chlorantraniliprole Propamocarb	0.029 0.036 0.100 (Excess)	0.5 1 0.01
8.	Grapes	Boscalid Cyprodinil Fenhexamid Pyraclostrobin	0.250 0.062 0.041 0.067	5 3 15 2
9.	Apple (Green)	NDL	-	-
10.	Orange	Imazalil Pyraclostrobin Thiabendazole	3.2 0.033 1.750	15 2 7
11.	Lemon	Azoxystrobin Difenoconazole Imidacloprid	0.570 0.550 0.018	15 0.6 1
12.	Pear	Chlorantraniliprole	0.043	0.4
13.	Plum	Chlorantraniliprole Imidacloprid	0.054 0.014	1 1.5
14.	Blueberry	Cyprodinil Fenhexamid	0.140 0.014	10 20
15.	Apple	Chlorantraniliprole	0.021	0.4
16.	Pomegranate	NDL	-	-
17.	Orange	Azoxystrobin Difenoconazole Thiabendazole	1.000 1.200 (Excess) 0.230	15 0.6 7

Source MRL: **The Use of Pesticides Act 2018 and Codex Alimentarius/EU**

MRL – Maximum Residue Level

NDL – No Detectable Level

NR – Not Recommended